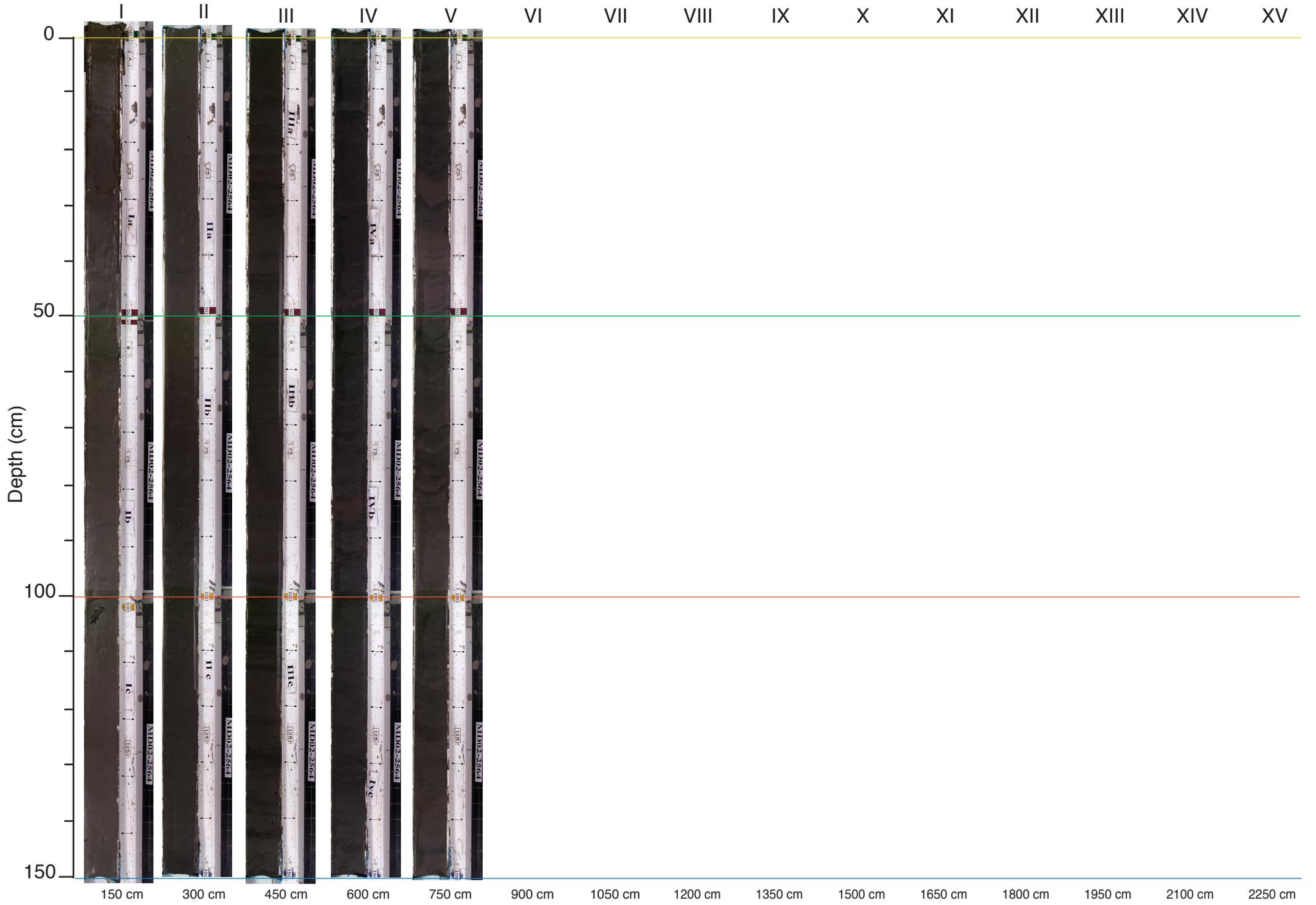


# MD02-2564 (sections I to V)



Day: 11/07/02  
Latitude: 28°14.60 N  
Water depth: 1027 m

GMT time: 16:18  
Longitude: 89°09.27 W  
Location: Kane Spur

Core number: **MD02-2564 GHF**

Corer type: Gravity /Flux core  
Corer length: 17 m  
Core length: 7.63 m

### **Observations**

*Corer condition:* Heat flux measurements, several triggers: GHF1 28°14.60 N, 89°09.27 W, GHF2 28°13.34 N, 89°05.31 W, GHF3 28°12.31 N 89°01.2034 W, GHF4 28°12.32 N, 89°01.20 W

*Core condition:* Good. The bottom of the core is disturbed eventually by coring or gas hydrate melting.

### **Sections and Sampling**

*Number of sections recovered and conditions:*

6 sections of 1.5m were recovered; the last section measures 13 cm

*Onboard sampling and post cruise processing:*

- Both the working and archive halves will be stored at Texas A&M University
- Two bags were recovered: 1 core catcher, 1 core top.
- USGS core measurements and activities : Thermal conductivity ( Univ.Victoria)
- MST magnetic susceptibility, gamma ray attenuation and p-wave measurements were made downcore, at a resolution of 2 cm. Colour measurements were taken every 2 cm.

### **Summary of physical and sedimentological observations**

*Dominant lithologies:* 0-207 cm, light greenish gray slightly bioturbated silty clay with abundant foraminifers and nannofossils. 207-750 cm, dark greenish to greenish black silty clay with some laminations. 216-281 cm, heavily bioturbated interval.

*Minor lithologies:* None